1 61

WEST Search History

DATE: Friday, October 17, 2003

Set Nam side by sid		Hit Count S	set Name result set
DB = U	SPT,PGPB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;		
OP=ADJ	,		
L3	12 and (disulfide? or disulphide?)	7	L3
L2	(cysteine? same (antimicrobial adj \$peptide?) or (antifungal adj \$peptide?)) and composition?	76	L2
L1	heliomicine?	0	Ll

END OF SEARCH HISTORY

WEST Search History

DATE: Friday, October 17, 2003

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DB=U	SPT,PGPB,EPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;		
<i>OP=ADJ</i>			
L3	l2 and (disulfide? or disulphide?)	7	L3
L2	(cysteine? same (antimicrobial adj \$peptide?) or (antifungal adj \$peptide?)) and composition?	76	L2
L1	heliomicine?	0	Li

END OF SEARCH HISTORY

1 061

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Generate Collection

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Search Results - Record(s) 1 through 7 of 7 returned.

1. Document ID: US 20030100483 A1

L3: Entry 1 of 7

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100483

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100483 A1

TITLE: Protegrins

PUBLICATION-DATE: May 29, 2003

INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Lehrer, Robert I. Santa Monica CA US Harwig, Sylvia S.L. Woodland Hills CA US Kokryakov, Vladimir N. St. Petersburg RU

US-CL-CURRENT: 514/2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 1990 Fram Descriptings

_ 2. Document ID: US 20020147301 A1

L3: Entry 2 of 7 File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147301

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020147301 A1

TITLE: Parevins and tachytegrins

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Lehrer, Robert I. Santa Monica CA US Harwig, Sylvia S.L. Woodland Hills US CA Chang, Conway C. San Francisco CA US Gu, Chee L. Saratoga CA US

US-CL-CURRENT: 530/324; 530/325, 530/326, 530/327

Full Title Citation Front Review Clarimisation Data Reterence Sequence: Attachment: Claims Field Draw Descriptinage

Record List Display

L3: Entry 3 of 7

File: USPT

Oct 23, 2001

US-PAT-NO: 6307016

DOCUMENT-IDENTIFIER: US 6307016 B1

TITLE: Parevins and tachytegrins

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA
Harwig; Sylvia S. L. Woodland Hills CA
Chang; Conway C. San Francisco CA
Gu; Chee L. Saratoga CA

US-CL-CURRENT: 530/326; 530/317

Full Title Otation Front Review Classification Date Reference Sequences Attachments Claims Field Dialogues Image

L3: Entry 4 of 7 File: USPT Dec 12, 2000

US-PAT-NO: 6159936

DOCUMENT-IDENTIFIER: US 6159936 A

TITLE: Compositions and methods for treating and preventing microbial and viral

infections

DATE-ISSUED: December 12, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA Harwig; Sylvia S. L. Woodland Hills CA

Kokryakov; Vladimir N. St. Petersburg RU

US-CL-CURRENT: 514/13; 424/405, 435/252.3, 435/320.1, 435/69.1, 514/12, 530/326, 536/23.5

Full | Title | Citation | Front | Remem | Classification | Cate | Reference | Sequence | Attachments |

J. 5. Document ID: US 5804558 A

L3: Entry 5 of 7 File: USPT Sep 8, 1998

US-PAT-NO: 5804558

DOCUMENT-IDENTIFIER: US 5804558 A

TITLE: Protegrins

2 64

DATE-ISSUED: September 8, 1998

INVENTOR-INFORMATION:

1900 Draw Desc Image

Record List Display

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA Harwig; Sylvia S. L. Woodland Hills CA

Kokryakov; Vladimir N. St. Petersburg RU

US-CL-CURRENT: 514/13; 424/405, 435/252.3, 435/320.1, 435/69.1, 530/326, 536/23.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments Find Draw Desc Image

____ 6. Document ID: US 5693486 A

L3: Entry 6 of 7 File: USPT Dec 2, 1997

US-PAT-NO: 5693486

DOCUMENT-IDENTIFIER: US 5693486 A

** See image for Certificate of Correction **

TITLE: DNA sequences encoding protegrins and protegrin analogs and their use in

recombinant methods of producing protegrins

DATE-ISSUED: December 2, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA
Kokryakov; Vladimir N. Los Angeles CA
Harwig; Sylvia S. L. Woodland Hills CA

Full Title Citation Front Review Classification Cate Reference Sequences Attachments

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 530/321, 530/323, 530/326, 536/23.5

☐ 7. Document ID: US 5635594 A

L3: Entry 7 of 7 File: USPT Jun 3, 1997

US-PAT-NO: 5635594

DOCUMENT-IDENTIFIER: US 5635594 A

TITLE: Gallinacins - antibiotic peptides

DATE-ISSUED: June 3, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA Kokryakov; Vladimir N. Los Angeles CA Harwig; Sylvia S. L. Woodland Hills CA

US-CL-CURRENT: 530/317; 530/321, 530/324, 530/827, 530/830

Full Title Citation Front Renew Classification Date Reference Sequences Attachments Find Craw Desc Triage

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Previous Page Next Page

Generate Collection

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Search Results - Record(s) 1 through 76 of 76 returned.

L2: Entry 1 of 76

File: PGPB

Oct 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030191113

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030191113 A1

TITLE: Picolinic acid derivatives and their use as fungicides

PUBLICATION-DATE: October 9, 2003

INVENTOR - INFORMATION:

CITY STATE COUNTRY RULE-47 NAME Nieto-Roman, Francisco Palencia ES Vors, Jean-Pierre Lyon FR Villier, Alain Saint Didier au Mont d'Or FR Lachaise, Helene Lyon FR Mousques, Adeline Lyon FR Hartmann, Benoit Sainte-Foy-Les-Lyon FR Hutin, Pierre Lyon FR Molina, Jose Lorenzo Munich DE Muller, Benoit Lyon FR

US-CL-CURRENT: 514/217.04; 514/227.8, 514/231.5, 514/253.01, 514/318, 514/354, 514/357, 544/360, 544/60, 546/193, 546/313, 546/314, 546/332

Full Title Citation Front Review Classification Date Reference Sequences Attachments

FindC - Grain Desc - Image

2. Document ID: US 20030166528 A1

L2: Entry 2 of 76

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030166528

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030166528 A1

TITLE: Antifungal compound

PUBLICATION-DATE: September 4, 2003

INVENTOR - INFORMATION:

1 624

NAME CITY STATE COUNTRY RULE-47

Lin, Jong-Jye Hercules CA US

US-CL-CURRENT: 514/12; 530/350

Full Title Citation Front Remem Classification Date Reference Sequences Attachments

1980 Fram Descriptinage

_ J 3. Document ID: US 20030152975 A1

L2: Entry 3 of 76

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030152975

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030152975 A1

TITLE: Method of identifying non-host plant disease resistance genes

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rommens, Caius M.T.	Chesterfield	MO	US	
Swords, Kathleen M.M.	Chesterfield	MO	US	
Yan, Hua	Valley Park	MO	US	
Zhang, Bei	Ballwin	MO	US	

US-CL-CURRENT: 435/6; 435/419, 536/23.6, 800/279, 800/284

Foll Title Offation Front Review Classification Date Reference Sequences Attachments

FindC Draw Desc Image

4. Document ID: US 20030130121 A1

L2: Entry 4 of 76

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030130121

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030130121 A1

TITLE: Novel bacterial isolate and the preparation and use of its active metabolites

PUBLICATION-DATE: July 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gerhardson, Berndt	Uppsala		SE	
Thaning, Christian	Knivsta		SE	
Weissmann, Ragnar	Uppsala		SE	
Welch, Christopher Folkeson	Uppsala		SE	
Borowicz, Jolanta	Uppsala		SE	
Hedman, Rikard	Uppsala		SE	

US-CL-CURRENT: 504/117; 424/93.4, 435/252.1

Full Title Citation Front Review Classification Cate Reference Sequences Attachments

FindC Draw Desc Image

___ 5. Document ID: US 20030109452 A1

L2: Entry 5 of 76

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030109452

PGPUB-FILING-TYPE: new

10MC - Draw Desc - Image

Record List Display

DOCUMENT-IDENTIFIER: US 20030109452 Al

TITLE: Short bioactive peptides and methods for their use

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Owen, Donald R. Kenner LA US

Full Title Citation Front Review Classification Date Reference Sequences Attachments

US-CL-CURRENT: 514/13; 514/14, 514/15, 514/16, 514/17, 530/325, 530/326, 530/327,

53<u>0</u>/328, 530/<u>329</u>

_____ 6. Document ID: US 20030100483 A1

L2: Entry 6 of 76 File: PGPB May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030100483

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030100483 A1

TITLE: Protegrins

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Lehrer, Robert I. Santa Monica CA US
Harwig, Sylvia S.L. Woodland Hills CA US
Kokryakov, Vladimir N. St. Petersburg RU

US-CL-CURRENT: 514/2

Full Title Ligation Front Remain Classification Date Reterence Sequences Attachments Fint Drain Descriptings

L2: Entry 7 of 76 File: PGPB May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030083243

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030083243 A1

TITLE: Short bioactive peptides

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Owen, Donald R. Kenner LA US

US-CL-CURRENT: 514/12; 514/13, 514/14, 514/15, 514/16, 514/17, 530/325, 530/326,

530/327, 530/328, 530/329, 530/330

Full Title Citation Front Review Classification Date Reference Sequences Attachments :

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L2: Entry 8 of 76

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030069184

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030069184 A1

TITLE: Antifungal and antibacterial agents

PUBLICATION-DATE: April 10, 2003

INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bobek, Libuse Williamsville NY US

US-CL-CURRENT: 514/12

Full Title Citation Front Review Classification Date Reference Sequences: Attachments of

___ 9. Document ID: US 20030056244 A1

L2: Entry 9 of 76 F

File: PGPB Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030056244

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030056244 A1

TITLE: Feed additive compositions and methods

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Huang, Ning Davis CA US Rodriguez, Raymond L. Davis CA US Hagie, Frank E. Sacramento CA US

US-CL-CURRENT: 800/278; 424/442, 426/53

Full Title Citation Front Remem Classification Cate Reference Sequences Attachments

Public Learn Descriptions

_J 10. Document ID: US 20030041348 A1

L2: Entry 10 of 76 File: PGPB Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030041348

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030041348 A1

TITLE: Defensin polynucleotides and methods of use

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE~47
Simmons, Carl R.	Des Moines	IA	US	
Acevedo, Pedro A. Navarro	Ames	IA	US	
Harvell, Leslie	Newark	DE	US	
Cahoon, Rebecca	Webster Groves	MO	US	
McCutchen, Billy Fred	Clive	AI	US	
Lu, Albert L.	Newark	DE	US	
Herrmann, Rafael	Wilmington	DE	US	
Wong, James F.H.	Johnston	IA	US	

US-CL-CURRENT: 800/279; 435/200, 435/320.1, 435/419, 435/69.1, 536/23.2

Full Title Chation Front Review Classification Date Reference Sequences Attachments Finds Union Descriptionage

11. Document ID: US 20030041347 A1

L2: Entry 11 of 76

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030041347

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030041347 A1

TITLE: Antifungal polypeptide and methods for controlling plant pathogenic fungi

PUBLICATION-DATE: February 27, 2003

INVENTOR - INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE - 47
Liang, Jihong	Chesterfield	MO	US	
Shah, Dilip Maganlal	Chesterfield	MO	US	
Wu, Yonnie S.	Wildwood	MO	US	
Rosenberger, Cindy A.	Ballwin	MO	US	
Hakimi, Salim	Chesterfield	MO	US	

US-CL-CURRENT: 800/279; 435/200, 435/320.1, 435/410, 514/12, 536/23.2

Full , Title	Entation	Front	Review Classification	Date F	Seterence	Sequences	#ttachment:	F 504C	Draw Desc Image

☐ 12. Document ID: US 20030028920 A1

L2: Entry 12 of 76

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030028920

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030028920 A1

TITLE: Antimicrobial polypeptides and their uses

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

E C24

NAME STATE COUNTRY RULE-47 CITY Altier, Daniel J. Waukee ΙA US Herrmann, Rafael Wilmington DE US Lu, Albert L. DΕ US Newark McCutchen, Billy F. Clive ΙA US Presnail, James K. Avondale PΑ US Weaver, Janine L. Bear DEUS Wong, James F.H. Johnston ΙA US

US-CL-CURRENT: 800/279; 435/320.1, 435/419, 435/6, 435/69.1, 530/350, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Finh Drawt Descriptinge

13. Document ID: US 20020182703 A1

L2: Entry 13 of 76

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020182703

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020182703 A1

TITLE: Human defensin polypeptide Def-X, genomic DNA and cDNA, composition containing them and applications to diagnosis and to therapeutic treatment

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bouqueleret, Lydie Vanves FR Chumakov, Ilya Vaux-le-Penil FR

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/6, 435/69.1, 435/7.1, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Finiti Draw Dead Image

14. Document ID: US 20020162135 A1

L2: Entry 14 of 76 File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020162135

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020162135 A1

TITLE: Expression of antimicrobial peptide via the plastid genome to control

phytopathogenic bacteria

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

. ...

NAME CITY STATE COUNTRY RULE-47

Daniell, Henry Winter Park FLUS

US-CL-CURRENT: 800/279; 435/468

Full Title Litation Front Remem Classification Date Reference Sequences Attachments FMMI Draw Desc Image ☐ 15. Document ID: US 20020152498 A1

L2: Entry 15 of 76

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020152498

..........

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020152498 A1

TITLE: Antifungal proteins

PUBLICATION-DATE: October 17, 2002

INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bracknell Rees, Sarah Bronwen GB De Samblanx, Genoveva Wivina Heverlee ΒE Broekaert, Willem Frans Dilbeek BE

US-CL-CURRENT: 800/279; 435/320.1, 435/410, 435/69.1, 530/350, 536/23.6

Full Title Citation Front Review Classification Date Reference Sequences Attachments Finit: Draw Desc Image

____ 16. Document ID: US 20020147301 A1

L2: Entry 16 of 76 File: PGPB Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147301

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020147301 A1

TITLE: Parevins and tachytegrins

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Lehrer, Robert I. Santa Monica CA Woodland Hills Harwig, Sylvia S.L. CA US Chang, Conway C. San Francisco CA US Gu, Chee L. Saratoga CA US

US-CL-CURRENT: 530/324; 530/325, 530/326, 530/327

Full little	Untation Front Hemeni Classification Cate Reference	Sequences Attachments	Finds Draw Desc	lmage .
<u> </u>	Document ID: US 20020144306 A			

L2: Entry 17 of 76 File: PGPB Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020144306

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020144306 A1

TITLE: Antifungal polypeptide and methods for controlling plant pathogenic fungi

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

US Chesterfield MO Liang, Jihong Chesterfield US Shah, Dilip Maganlal MO Wu, Yonnie Shun Chesterfield MO US Rosenberger, Cindy Annette Ballwin MO US

US-CL-CURRENT: 800/279; 435/200, 435/410, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences, Attachments Finds Disam Descriptionage

18. Document ID: US 20020115151 A1

L2: Entry 18 of 76 File: PGPB Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115151

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020115151 A1

TITLE: Human defensin polypeptide Def-X, genomic DNA and cDNA, composition containing them and applications to diagnosis and to therapeutic treatment

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bougueleret, Lydie Vanves FR Chumakov, Ilya Vaux-le-Penil FR

US-CL-CURRENT: 435/69.1; 435/226, 435/320.1, 435/325, 536/23.2

Fill Title Citation Front Remain Classification Date Reference Sequences Attachments Finds Craim Descriptions

__ 19. Document ID: US 20020110553 A1

L2: Entry 19 of 76 File: PGPB Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020110553

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020110553 A1

TITLE: Use of antibiotic peptides produced by human corneal epithelial cells to

manage infection

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Fleiszig, Suzanne M.J. Oakland CA US McNamara, Nancy A. San Francisco CA US

US-CL-CURRENT: 424/94.63; 435/23, 435/6

Full Title Citation Front Remem Classification Date Reference Sequences Attachments

Tamic Draw Desc Image

___ 20. Document ID: US 20020077298 A1

L2: Entry 20 of 76

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020077298

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020077298 A1

TITLE: Anti-fungal peptides

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Little, Roger G. II Benicia CA US
Lim, Edward Walnut Creek CA US
Fadem, Mitchell B. Carmel Valley CA US

US-CL-CURRENT: 514/16; 514/17, 530/328, 530/329

Full Title Citation Front Review Classification Cate Reference Sequences Attachments

Finds Draw Desc Image

☐ 21. Document ID: US 20020052484 A1

L2: Entry 21 of 76 File: PGPB

May 2, 2002

PGPUB-DOCUMENT-NUMBER: 20020052484

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020052484 A1

TITLE: Phage display selection of anti fungal peptides

PUBLICATION-DATE: May 2, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 English, James T. Columbia MO US Schmidt, Francis J. Columbia MO US Smith, George P. Columbia MO US Morris, Roy O. Portland OR US Bishop-Hurley, Sharon Columbia US MO

US-CL-CURRENT: 536/23.1; 435/6, 435/69.1, 435/7.1

Full Intle Citation Front Remem Classification Date Reference Sequence: Attachments

Photo Draw Desc Image

__ 22. Document ID: US 20020037260 A1

L2: Entry 22 of 76 File: PC

22 of 76 File: PGPB Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037260

PGPUB-FILING-TYPE: new

0 034

FindO Draw Desc Image

Record List Display

DOCUMENT-IDENTIFIER: US 20020037260 A1

TITLE: Compositions for treating biofilm

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Budny, John A. Westlake Village CA US Budny, Matthew J. Westlake Village CA US

US-CL-CURRENT: 424/49; 424/50, 424/94.63, 514/253.08, 514/8

Full Title Citation Front Remeil Classification Date Reference Sequences Attachment:

☐ 23. Document ID: US 6620911 B1

L2: Entry 23 of 76 File: USPT Sep 16, 2003

US-PAT-NO: 6620911

DOCUMENT-IDENTIFIER: US 6620911 B1

TITLE: Anti-cryptococcal peptides

DATE-ISSUED: September 16, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Pettit; George R. Paradise Valley AZ Pettit; Robin K. Fountain Hills AZ

US-CL-CURRENT: 530/330; 530/331

Full Title Citation Front Review Classification Date Reterence Sequences Attachments Full Draw Deco Image

L2: Entry 24 of 76 File: USPT Aug 12, 2003

US-PAT-NO: 6605698

DOCUMENT-IDENTIFIER: US 6605698 B1

TITLE: Antifungal peptides and composition thereof

DATE-ISSUED: August 12, 2003

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY NAME CITY NI. Van Amerongen; Aart Veenendaal BE Fant; Franky Wetteren Borremans; Frans Alois Destelbergen ΒE BE De Samblanx; Genoveva Wivina Heverlee Sijtsma; Lolke Renkum NLMeloen; Robbert Hans Lelystad NLPuijk; Wouter Cornelis Lelystad NLNLSchaaper; Wilhelmus Martinus Maria Almere Dilbeek RE Broekaert; Willem Frans van Gelder; Wilhelmus Martinus Josef Zoetermeer NLRees; Sarah Bronwen Bracknell GB

US-CL-CURRENT: 530/350; 435/252.3, 435/252.33, 435/320.1, 435/410, 435/419, 435/430, 435/69.1, 530/300, 536/23.6, 536/24.3, 800/278, 800/280, 800/281, 800/290, 800/294

Full Title Citation Front Remem Classification Date Reference Sequences Attachments Finit Drain tress I Image

L2: Entry 25 of 76 File: USPT Apr 22, 2003

US-PAT-NO: 6551998

DOCUMENT-IDENTIFIER: US 6551998 B1

TITLE: Antimicrobial agents

DATE-ISSUED: April 22, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Spatola; Arno F. Louisville KY Wen; James Jun Dayton NJ Vogel; David M. Louisville KY

US-CL-CURRENT: 514/17; 514/15, 514/16, 514/18, 530/323, 530/327, 530/328, 530/329, 530/330, 530/331



_ 26. Document ID: US 6544733 B1

L2: Entry 26 of 76 File: USPT Apr 8, 2003

US-PAT-NO: 6544733

DOCUMENT-IDENTIFIER: US 6544733 B1

TITLE: Method of identifying non-host plant disease resistance genes

DATE-ISSUED: April 8, 2003

INVENTOR - INFORMATION:

Record List Display

NAME CITY STATE ZIP CODE COUNTRY

Rommens; Caius M. T. Chesterfield MO
Swords; Kathleen M M Chesterfield MO
Yan; Hua Valley Park MO
Zhang; Bei Ballwin MO

US-CL-CURRENT: 435/6; 435/320.1, 536/24.1

Full Title Citation Front Remem Classification Cate Reference Sequences Attachments Finit Citation Descriptions

L2: Entry 27 of 76 File: USPT Sep 24, 2002

US-PAT-NO: 6455271

DOCUMENT-IDENTIFIER: US 6455271 B1

TITLE: Identification of novel antimicrobial agents using membrane potential

indicator dyes

DATE-ISSUED: September 24, 2002

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Little, II; Roger G. Benicia CA Abrahamson; Susan Albany CA Wong; Peter Berkeley CA

US-CL-CURRENT: 435/29; 430/585, 435/32, 435/4, 435/911, 435/968, 549/227

Full | Title | Citation | Front | Rememi | Classification | Cate | Reference | Sequences | Attachments | Finit | Grain Desc | Image |

__ 28. Document ID: US 6399370 B1

L2: Entry 28 of 76 File: USPT Jun 4, 2002

US-PAT-NO: 6399370

DOCUMENT-IDENTIFIER: US 6399370 B1

TITLE: Compositions and methods for use of defensin

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Wilson; James M. Gladwyne PA Goldman; Mitchell Wynnewood PA Bals; Robert Philadelphia PA Stolzenberg; Ethan D. Rockville MD Anderson; Mark Norristown PA Zasloff; Michael Merion PA Kari; Prasad Hatfield PA

US-CL-CURRENT: 435/325; 424/93.2, 435/243, 435/320.1, 536/23.4, 536/23.5

Full : Title | Citation | Front | Remain | Classification | Date | Reference | Sequences | Attachment: | Find | Drain Gest | Image

___ 29. Document ID: US 6372888 B1

L2: Entry 29 of 76 File: USPT Apr 16, 2002

US-PAT-NO: 6372888

DOCUMENT-IDENTIFIER: US 6372888 B1

TITLE: Antifungal proteins

DATE-ISSUED: April 16, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

De Samblanx; Genoveva Wivina Heverlee BE
Broekaert; Willem Frans Dilbeek BE
Rees; Sarah Bronwen Bracknell GB

US-CL-CURRENT: $\underline{530/350}$; $\underline{435/320.1}$, $\underline{435/419}$, $\underline{435/486}$, $\underline{435/7.2}$, $\underline{435/7.31}$, $\underline{530/300}$, $\underline{530/324}$, $\underline{536/23.6}$, $\underline{800/301}$, $\underline{800/302}$

Full Title Citation Front Remem Classification Date Reference Sequences Attachments Finds Discontinuous Image

L2: Entry 30 of 76 File: USPT Mar 12, 2002

US-PAT-NO: 6355616

DOCUMENT-IDENTIFIER: US 6355616 B1

TITLE: Derivative compounds derived from or based on

bactericidal/permeability-increasing protein

DATE-ISSUED: March 12, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Little, II; Roger G. Benicia CA Lin; Jong-Jye Hercules CA Gikonyo; J. G. Kinyua Berkeley CA

US-CL-CURRENT: <u>514/14</u>; <u>514/15</u>, <u>514/16</u>, <u>514/17</u>, <u>514/18</u>, <u>530/327</u>, <u>530/328</u>, <u>530/329</u>, <u>530/330</u>, <u>530/345</u>

Full Title Chation Front Keinem Classification Date Reference Sequences Attachments Finit Draw Desc Image

L2: Entry 31 of 76 File: USPT Dec 11, 2001

US-PAT-NO: 6329504

12 624

DOCUMENT-IDENTIFIER: US 6329504 B1

...

Record List Display

TITLE: Antifungal polypeptide and methods for controlling plant pathogenic fungi

DATE-ISSUED: December 11, 2001

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Liang; Jihong Chesterfield MO
Shah; Dilip Maganlal Chesterfield MO
Wu; Yonnie S. Wildwood MO
Rosenberger; Cindy A. Ballwin MO
Hakimi; Salim Chesterfield MO

US-CL-CURRENT: 530/350; 435/418, 435/419, 435/468, 435/69.1, 435/70.1, 530/324, 530/325, 530/326, 536/23.1, 536/23.6

Full Title Citation Front Remem Classification Date Reference Sequences Attachments 1900 Gram Desc Image |

___ 32. Document ID: US 6329340 B1

L2: Entry 32 of 76 File: USPT Dec 11, 2001

US-PAT-NO: 6329340

DOCUMENT-IDENTIFIER: US 6329340 B1

** See image for Certificate of Correction **

TITLE: Human Defensin DEF-X

DATE-ISSUED: December 11, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Bougueleret; Lydie Vanves FR Chumakov; Ilya Vaux-le-Penil FR

US-CL-CURRENT: 514/12; 514/1, 514/2, 514/885, 514/886, 514/887, 530/300, 530/324

Full Title (dation Front | Review | Classification | Date | Reference | Sequences | 4th-chinerits | Finit | Draw Desc | Image |

_ 33. Document ID: US 6316407 B1

L2: Entry 33 of 76 File: USPT Nov 13, 2001

US-PAT-NO: 6316407

DOCUMENT-IDENTIFIER: US 6316407 B1

TITLE: Antifungal polypeptide from alfalfa and methods for controlling plant pathogenic fungi

DATE-ISSUED: November 13, 2001

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Liang; Jihong Chesterfield MO
Shah; Dilip Maganlal Chesterfield MO
Wu; Yonnie S. Wildwood MO
Rosenberger; Cindy A. Ballwin MO
Hakimi; Salim Chesterfield MO

US-CL-CURRENT: 514/12; 530/324

Full Title Citation Front Review Classification Date Reference Sequences attachments Phill Draw Desc Image

34. Document ID: US 6307016 B1

L2: Entry 34 of 76 File: USPT Oct 23, 2001

US-PAT-NO: 6307016

DOCUMENT-IDENTIFIER: US 6307016 B1

TITLE: Parevins and tachytegrins

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA
Harwig; Sylvia S. L. Woodland Hills CA
Chang; Conway C. San Francisco CA
Gu; Chee L. Saratoga CA

US-CL-CURRENT: 530/326; 530/317

Full Title Citation Front Review Classification Crate Reference Sequences Attachments Field Orang Perc Image

L2: Entry 35 of 76 File: USPT Apr 10, 2001

US-PAT-NO: 6215048

DOCUMENT-IDENTIFIER: US 6215048 B1

TITLE: Nucleic acid sequences encoding an antifungal polypeptide, aly AFP from

alyssum and methods for their use

DATE-ISSUED: April 10, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Liang; Jihong Chesterfield MO
Shah; Dilip Maganlal Chesterfield MO
Wu; Yonnie Shun Chesterfield MO
Rosenberger; Cindy Annette Ballwin MO

US-CL-CURRENT: 800/317.2; 435/320.1, 536/23.6, 800/279, 800/301, 800/302

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Finit Draw Desc Image

36. Document ID: US 6183736 B1

L2: Entry 36 of 76

File: USPT

Feb 6, 2001

US-PAT-NO: 6183736

DOCUMENT-IDENTIFIER: US 6183736 B1

TITLE: Small peptides with antipathogenic activity, treated plants and methods for

treating same

DATE-ISSUED: February 6, 2001

INVENTOR - INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Moyne; Anne-Laure

Auburn

AL

Cleveland; Thomas E.

Mandeville

LA

Tuzun; Sadik

Auburn

AI.

US-CL-CURRENT: 424/93.462; 424/405, 424/406, 435/170, 435/252.5, 435/267, 435/71.1, 435/839

Full Title Chahon Front Remem Claromization Date Reference Sequences Attachments

1000 Draw Desc Image

L2: Entry 37 of 76

File: USPT

Dec 12, 2000

US-PAT-NO: 6159936

DOCUMENT-IDENTIFIER: US 6159936 A

TITLE: Compositions and methods for treating and preventing microbial and viral

infections

DATE-ISSUED: December 12, 2000

INVENTOR - INFORMATION:

NAME

CITY

STATE ZIP CODE

Lehrer; Robert I.

Santa Monica

CA

COUNTRY

Harwig; Sylvia S. L.

Woodland Hills

CA

Kokryakov; Vladimir N.

St. Petersburg

RU

US-CL-CURRENT: 514/13; 424/405, 435/252.3, 435/320.1, 435/69.1, 514/12, 530/326, 536/23.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments

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L2: Entry 38 of 76

File: USPT

Dec 5, 2000

US-PAT-NO: 6156730

DOCUMENT-IDENTIFIER: US 6156730 A

PoitC firam flers Image

Record List Display

TITLE: Anti-fungal peptides

DATE-ISSUED: December 5, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Little, II; Roger G. Benicia CA
Lim; Edward Walnut Creek CA
Fadem; Mitchell B. Berkeley CA

Full Title Citation Front Remain Classification, Date Reference Sequences Attachments

US-CL-CURRENT: <u>514/14</u>; <u>514/12</u>, <u>514/13</u>, <u>514/15</u>, <u>514/16</u>, <u>514/9</u>, <u>530/300</u>, <u>530/317</u>, 530/324, 530/327, <u>530/328</u>, <u>530/329</u>

39. Document ID: US 6143516 A

L2: Entry 39 of 76 File: USPT Nov 7, 2000

US-PAT-NO: 6143516

DOCUMENT-IDENTIFIER: US 6143516 A

TITLE: Identification of novel antimicrobial agents using membrane potential

indicator dyes

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Little, II; Roger G. Benicia CA
Abrahamson; Susan Albany CA
Wong; Peter Berkeley CA

US-CL-CURRENT: 435/29; 430/585, 435/32, 435/4, 435/911, 435/968, 549/227

Full Title Citation Front Review Classification Date Reference Sequences Attachments Find Grand Descriptings

L2: Entry 40 of 76 File: USPT Sep 19, 2000

US-PAT-NO: 6121436

DOCUMENT-IDENTIFIER: US 6121436 A

TITLE: Antifungal polypeptide and methods for controlling plant pathogenic fungi

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

.... . <u>-.</u> .. .

NAME CITY STATE ZIP CODE COUNTRY

Chesterfield

Liang; Jihong Chesterfield MO
Shah; Dilip Maganlal Chesterfield MO
Wu; Yonnie S. Wildwood MO
Rosenberger; Cindy A. Ballwin MO

US-CL-CURRENT: 536/23.6; 536/24.3

Full Title Citation Front Remain Classification Date Reference Sequences Attachments Finds Draw Desc Image

41. Document ID: US 6103875 A

L2: Entry 41 of 76 File: USPT Aug 15, 2000

MO

US-PAT-NO: 6103875

Hakimi; Salim

DOCUMENT-IDENTIFIER: US 6103875 A

TITLE: Antifungal compounds from pseudomonas viridiflava

DATE-ISSUED: August 15, 2000

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Martinez-Miller; Concepcion Bozeman MT
Miller; Roger V. Bozeman MT
Strobel; Gary A. Bozeman MT

US-CL-CURRENT: 530/359

Full Title Chation Front Review Classification Date Reference Sequences! Attachments Find Chain Descriptings

___ 42. Document ID: US 6042848 A

L2: Entry 42 of 76 File: USPT Mar 28, 2000

US-PAT-NO: 6042848

DOCUMENT-IDENTIFIER: US 6042848 A

TITLE: Enhancement of antimicrobial peptide activity by metal ions

DATE-ISSUED: March 28, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lawyer; Carl H. Springfield IL Watabe; Kounosuke Springfield IL

US-CL-CURRENT: 424/604; 424/618, 424/630, 424/632, 424/633, 424/634, 424/635, 424/637, 424/638, 424/639, 424/649, 424/657, 424/682, 514/12, 514/2, 514/21

Full Title Chatton Front Review Classification Cate Reference Sequences Attachments Findt Craw Desc. Tringe

Record List Display

__ 43. Document ID: US 6020312 A

L2: Entry 43 of 76 File: USPT Feb 1, 2000

US-PAT-NO: 6020312

DOCUMENT-IDENTIFIER: US 6020312 A

TITLE: Synthetic antibiotics

DATE-ISSUED: February 1, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Edwards; David San Antonio TX

US-CL-CURRENT: 514/17; 435/7.1, 514/18, 530/329, 530/330, 530/331

Full Title Unation Front Review Classification Date Reference Sequence: Attachment:

__ 44. Document ID: US 6015941 A

L2: Entry 44 of 76 File: USPT Jan 18, 2000

US-PAT-NO: 6015941

DOCUMENT-IDENTIFIER: US 6015941 A

** See image for Certificate of Correction **

TITLE: Peptide derivatives of tachyplesin having antimicrobial activity

DATE-ISSUED: January 18, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rao; A. Gururaj Urbandale IA

US-CL-CURRENT: 800/279; 424/405, 435/410, 435/418, 435/419, 435/468, 435/69.1, 435/70.1, 514/2, 536/23.1, 536/23.6, 800/278, 800/295, 800/298, 800/301

Full Title Citation Front Remem Classification Date Reterence Sequences Attechments Full Disor Descriptions of the Communication Communication of the Commun

L2: Entry 45 of 76 File: USPT Jan 11, 2000

US-PAT-NO: 6013626

DOCUMENT-IDENTIFIER: US 6013626 A

TITLE: Cryptophycins from synthesis

DATE-ISSUED: January 11, 2000

INVENTOR - INFORMATION:

10/17/02 4 1 C D) C

STATE ZIP CODE COUNTRY NAME CITY ΗI Moore; Richard E. Honolulu ΗI Tius; Marcus A. Kailua Barrow; Russell A. Honolulu ΗI Liang; Jian Honolulu Grosse Point ΜI Corbett; Thomas H. Valeriote; Frederick A. Shelby Township MΙ Golakoti; Trimurtulu Honolulu HΤ Hemscheidt; Thomas K. Honolulu ΗI

US-CL-CURRENT: 514/9; 514/11, 514/270, 530/317, 930/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments Finds train Descriptional

46. Document ID: US 6004774 A

L2: Entry 46 of 76

File: USPT

Dec 21, 1999

Nov 9, 1999

US-PAT-NO: 6004774

DOCUMENT-IDENTIFIER: US 6004774 A

** See image for Certificate of Correction **

TITLE: Biological control of plant fungal infections

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

CITY STATE ZIP CODE COUNTRY NAME Marrone; Pamela Gail Davis CA CA Heins; Sherry D. Davis Manker; Denise C. CA Davis Jimenez; Desmond R. Woodland CA Bestwick; Richard K. Portland OR Vandemark; George J. Prosser WA

US-CL-CURRENT: 435/41; 424/115, 424/123, 424/404, 424/405, 424/93.46, 424/93.462, 435/252.31, 435/71.1, 435/71.2, 435/71.3, 435/839

Full Title Chatson Front Review i Classification Date Reference Sequences Attachments

47. Document ID: US 5981469 A

L2: Entry 47 of 76 File: USPT

US-PAT-NO: 5981469

DOCUMENT-IDENTIFIER: US 5981469 A

TITLE: 78 residue polypeptide (NK-lysine) and its use

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Andersson; Mats S-116 30 Stockholm SE
Boman; Hans G S-114 24 Stockholm SE
Jornvall; Hans S-172 46 Sundbyberg SE
Mutt; Viktor S-171 56 Solna SE

US-CL-CURRENT: 514/2; 530/200, 530/350

Full - Title Odation Front Review Classification Date Reference Sequences Attachments

L2: Entry 48 of 76 File: USPT Mar 30, 1999

US-PAT-NO: 5889152

DOCUMENT-IDENTIFIER: US 5889152 A

TITLE: Porphenins -- antibiotic peptides

DATE-ISSUED: March 30, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Kokryakov; Vladimir N. Los Angeles CA Harwig; Sylvia S.L. Woodland Hills CA Lehrer; Robert I. Santa Monica CA

US-CL-CURRENT: 530/350; 530/324, 530/325, 530/326, 530/327

Full Title Citation Front Review Classification Date Reference Sequences Attachments

L2: Entry 49 of 76 File: USPT Mar 23, 1999

US-PAT-NO: 5885782

DOCUMENT-IDENTIFIER: US 5885782 A

TITLE: Synthetic antibiotics

DATE-ISSUED: March 23, 1999

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Edwards; David San Antonio TX

US-CL-CURRENT: 435/7.1; 514/17, 514/18, 530/329, 530/330, 530/331

Full Title Edition Front Remem Classification Date Reference Sequences Attachments Findt Drain Desc Image!

L2: Entry 50 of 76 File: USPT Jan 12, 1999

Record List Display

US-PAT-NO: 5858974

DOCUMENT-IDENTIFIER: US 5858974 A

TITLE: Anti-fungal peptides

DATE-ISSUED: January 12, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Little, II; Roger G. Benicia CA
Lim; Edward Walnut Creek CA
Fadem; Mitchell B. Carmel Valley CA

US-CL-CURRENT: 514/12; 514/11, 514/13, 514/14, 514/15, 514/16, 514/17, 514/9, 530/317, 530/324, 530/327, 530/328, 530/329

Full Title Citation Front Review Classification Date Reference Sequences Attachments Find Draw Describinage

1 51. Document ID: US 5856438 A

L2: Entry 51 of 76 File: USPT Jan 5, 1999

US-PAT-NO: 5856438

DOCUMENT-IDENTIFIER: US 5856438 A

TITLE: Biologically active peptides from functional domains of bactericidal/permeability-increasing protein and uses thereof

DATE-ISSUED: January 5, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Little, II; Roger G. Benicia CA

US-CL-CURRENT: 530/324; 530/300, 530/325, 530/326, 530/327, 530/328

Full Title Citation Front Review Classification Cate Reference Sequences Attachments Find Draw Desc Image

L2: Entry 52 of 76 File: USPT Dec 29, 1998

US-PAT-NO: 5854213

DOCUMENT-IDENTIFIER: US 5854213 A

** See image for Certificate of Correction **

TITLE: Antifungal cyclohexapeptides

DATE-ISSUED: December 29, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Bouffard; Frances A. Scotch Plains NJ

US-CL-CURRENT: 514/11; 530/317

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Finiti Trancties Image

L2: Entry 53 of 76

File: USPT

Oct 20, 1998

US-PAT-NO: 5824874

DOCUMENT-IDENTIFIER: US 5824874 A

** See image for Certificate of Correction **

TITLE: Antifungal polypeptide and process for its production

DATE-ISSUED: October 20, 1998

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Ulbrich; Norbert Berlin DE Hilgenfeld; Rolf Friedrichsdorf DE Hanel; Heinz Oberursel DE Sachse; Burkhard Kelkheim DE Braun; Peter Mainz DE Wink; Joachim Rodermark DE Eckes; Peter Kelkheim DE Loqemann; Jurgen Koln DE Schell; Jozef Koln DE

US-CL-CURRENT: 800/279; 435/418, 435/419, 435/423, 435/425, 435/469, 435/69.1, 435/70.1, 47/58.1R, 47/DIG.1, 536/23.74

Full Title Citation Front Remem Classification | Date Reference Sequences Attachments

Finds (trans Deck Image)

_ 54. Document ID: US 5811654 A

L2: Entry 54 of 76

File: USPT

Sep 22, 1998

US-PAT-NO: 5811654

DOCUMENT-IDENTIFIER: US 5811654 A

TITLE: Plants genetically enhanced for nutritional quality

DATE-ISSUED: September 22, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Jaynes; Jesse M. Baton Rouge LA Derrick; Kenneth S. Lake Alfred FL

US-CL-CURRENT: 800/298; 435/419, 435/69.1, 800/301

Full Title Litation Front Remain Classification Date Retrience Sequences: Attachments

Finds | Draw Deck | Image |

_ 55. Document ID: US 5804558 A

Record List Display

L2: Entry 55 of 76

File: USPT

Sep 8, 1998

US-PAT-NO: 5804558

DOCUMENT-IDENTIFIER: US 5804558 A

TITLE: Protegrins

DATE-ISSUED: September 8, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA Harwig; Sylvia S. L. Woodland Hills CA

Kokryakov; Vladimir N. St. Petersburg RU

US-CL-CURRENT: 514/13; 424/405, 435/252.3, 435/320.1, 435/69.1, 530/326, 536/23.5

Full | Title | Citation | Front | Remem | Classification | Craft | Reference | Sequences | Attachiments | Finit | Drain Desc | Image

L2: Entry 56 of 76 File: USPT Sep 8, 1998

US-PAT-NO: 5804553

DOCUMENT-IDENTIFIER: US 5804553 A

TITLE: Prophenins - antibiotic peptides

DATE-ISSUED: September 8, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Kokryakov; Vladimir N. Los Angeles CA Harwig; Sylvia S. L. Woodland Hills CA Lehrer; Robert I. Santa Monica CA

US-CL-CURRENT: 514/12; 514/15, 530/300, 530/324, 530/328

Full Title Citation Front Remem Classification Cate Reference Sequences Attachments Fund Island best Impage

L2: Entry 57 of 76 File: USPT Jun 30, 1998

US-PAT-NO: 5773696

DOCUMENT-IDENTIFIER: US 5773696 A

TITLE: Antifungal polypeptide and methods for controlling plant pathogenic fungi

DATE-ISSUED: June 30, 1998

INVENTOR-INFORMATION:

0/17/02 4 16 DEC

NAME CITY STATE ZIP CODE COUNTRY

Liang; Jihong Chesterfield MO
Shah; Dilip Maganlal Chesterfield MO
Wu; Yonnie Shun Chesterfield MO
Rosenberger; Cindy Annette Ballwin MO

US-CL-CURRENT: 800/279; 435/320.1, 435/419, 536/23.6, 800/301, 800/302

Full Title Citation Front Review Classification trate Reference Sequences Attachments Find Title Citation Front

__ 58. Document ID: US 5753222 A

L2: Entry 58 of 76 File: USPT May 19, 1998

US-PAT-NO: 5753222

DOCUMENT-IDENTIFIER: US 5753222 A

TITLE: Antibiotic-producing strain of bacillus and methods for controlling plant

diseases

DATE-ISSUED: May 19, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Marrone; Pamela Gail Davis CA Heins; Sherry D. Davis CA Manker; Denise C. Davis CA Jimenez; Desmond R. Woodland CA Bestwick; Richard K. Portland OR Vandemark; George J. Irapuato MX

US-CL-CURRENT: <u>424/93.462</u>; <u>424/115</u>, <u>424/123</u>, <u>424/404</u>, <u>424/405</u>, <u>424/93.46</u>, <u>435/252.31</u>, <u>435/71.1</u>, <u>435/71.2</u>, <u>435/71.3</u>, <u>435/839</u>

Full Title Citation Front Review Classification Date Reference Sequences, Attachments Find Orani (Association Date Reference)

1 59. Document ID: US 5693486 A

L2: Entry 59 of 76 File: USPT Dec 2, 1997

US-PAT-NO: 5693486

DOCUMENT-IDENTIFIER: US 5693486 A

** See image for Certificate of Correction **

TITLE: DNA sequences encoding protegrins and protegrin analogs and their use in recombinant methods of producing protegrins

DATE-ISSUED: December 2, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA Kokryakov; Vladimir N. Los Angeles CA Harwig; Sylvia S. L. Woodland Hills CA . .

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 530/321, 530/323, 530/326, 536/23.5

Folk Title Citation Front Review Classification Date Reference Sequences extrachments

Final Desc Image

L2: Entry 60 of 76

File: USPT

Jun 3, 1997

US-PAT-NO: 5635594

DOCUMENT-IDENTIFIER: US 5635594 A

TITLE: Gallinacins - antibiotic peptides

DATE-ISSUED: June 3, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA Kokryakov; Vladimir N. Los Angeles CA Harwig; Sylvia S. L. Woodland Hills CA

US-CL-CURRENT: 530/317; 530/321, 530/324, 530/827, 530/830

Full Title Citation Front Review Classification Cate Reference Sequences Attachments

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L2: Entry 61 of 76

File: USPT

May 27, 1997

US-PAT-NO: 5633229

DOCUMENT-IDENTIFIER: US 5633229 A

TITLE: Method of using prophenins-antibiotic peptides

DATE-ISSUED: May 27, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Kokryakov; Vladímir N. Los Angeles CA Harwig; Sylvia S. L. Woodland Hills CA Lehrer; Robert I. Santa Monica CA

US-CL-CURRENT: 514/12; 514/15

Full Title Chation Front Remem Classimilation Date Reference Sequences Attachments

PMC Franchesc Image

L2: Entry 62 of 76 File: USPT

Mar 11, 1997

US-PAT-NO: 5610139

DOCUMENT-IDENTIFIER: US 5610139 A

Record List Display

TITLE: Antimicrobial compositions and pharmaceutical preparations thereof

DATE-ISSUED: March 11, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Ohta; Michio Nagoya JP Kato; Nobuo Nagoya JP

US-CL-CURRENT: 514/13; 514/12, 514/15, 530/325, 530/326, 530/327

Full Title Citation Front Review Classification Date Reference Sequences Attachments 1980 Fram Dezic Image

_ | 63. Document ID: US 5602097 A

L2: Entry 63 of 76 File: USPT Feb 11, 1997

US-PAT-NO: 5602097

DOCUMENT-IDENTIFIER: US 5602097 A

** See image for Certificate of Correction **

TITLE: Synthetic antibiotics

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Edwards; David L. San Antonio TX

US-CL-CURRENT: 514/17; 424/93.5, 514/18, 530/329, 530/330, 530/331

Full Title Unation Front Review Classification Date Reference Sequences Attachments kinds Draw Descriptings

☐ 64. Document ID: US 5597945 A

L2: Entry 64 of 76 File: USPT Jan 28, 1997

US-PAT-NO: 5597945

DOCUMENT-IDENTIFIER: US 5597945 A

TITLE: Plants genetically enhanced for disease resistance

DATE-ISSUED: January 28, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Jaynes; Jesse M. Baton Rouge LA Derrick; Kenneth S. Lake Alfred FL

US-CL-CURRENT: 800/301; 435/195, 435/206, 435/69.1, 435/70.1, 536/23.5

Full Title Criation Front Review Classification Cate Reviewed Sequences Attachments (1990) Travilless Image

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☐ 65. Document ID: US 5589624 A

L2: Entry 65 of 76 File: USPT Dec 31, 1996

US-PAT-NO: 5589624

DOCUMENT-IDENTIFIER: US 5589624 A

** See image for Certificate of Correction **

TITLE: Antifungal polypeptide and process for its production

DATE-ISSUED: December 31, 1996

INVENTOR - INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ulbrich; Norbert	Berlin			DE
Hilgenfeld; Rolf	Friedrichsdorf			DE
Hanel; Heinz	Oberursel			DE
Sachse; Burkhard	Kelkheim			DE
Braun; Peter	Mainz			DE
Wink; Joachim	Rodermark			DE
Eckes; Peter	Kelkheim			DE
Logemann; Jurgen	Koln			DE
Schell; Jozef	Koln			DE

US-CL-CURRENT: 800/301; 435/411, 435/414, 435/418, 435/419, 435/468, 435/469, 435/69.1, 435/70.1, 530/823, 536/23.74, 800/317.3, 800/317.4

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		66.	Doci	umen	t ID:	US 5464	944	A				

File: USPT

US-PAT-NO: 5464944

L2: Entry 66 of 76

DOCUMENT-IDENTIFIER: US 5464944 A

** See image for Certificate of Correction **

TITLE: Synthetic antifungal peptides

DATE-ISSUED: November 7, 1995

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Rao; A. Gururaj Polk County IA Zhong; Lingxiu Johnston IA

US-CL-CURRENT: $\underline{536/23.6}$; $\underline{530/300}$, $\underline{530/333}$, $\underline{536/22.1}$

Figli	Title	Citation Front	Rentem	Classification ¹ Dia	te Reterence	Sequences Attach	ment:	Fad), [Cra)	m bern Image	
	67.	Documen	nt ID:	US 546482	3 A					

L2: Entry 67 of 76 File: USPT Nov 7, 1995

US-PAT-NO: 5464823

Nov 7, 1995

Record List Display

.

DOCUMENT-IDENTIFIER: US 5464823 A

** See image for Certificate of Correction **

TITLE: Mammalian antibiotic peptides

DATE-ISSUED: November 7, 1995

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lehrer; Robert I. Santa Monica CA Kokryakov; Vladimir N. Los Angeles CA Harwig; Sylvia S. L. Woodland Hills CA

US-CL-CURRENT: 514/13; 514/12, 530/324, 530/325, 530/326

Full Title Citation Front Review Classification Cate Reference Sequences Attachments.

L2: Entry 68 of 76 File: USPT Jul 11, 1995

US-PAT-NO: 5432270

DOCUMENT-IDENTIFIER: US 5432270 A

** See image for Certificate of Correction **

TITLE: DNA encoding tracheal antimicrobial peptides

DATE-ISSUED: July 11, 1995

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Zasloff; Michael A. Merion PA 19066 Bevins; Charles L. Drexel Hill PA 19026 Diamond; Gill Philadelphia PA 19151

US-CL-CURRENT: 536/23.5; 536/24.31

Full Title Citation Front Remem Classification Cate Reference Sequences Attachments Full Citation Cess Timage

__ 69. Document ID: US 5421839 A

L2: Entry 69 of 76 File: USPT Jun 6, 1995

US-PAT-NO: 5421839

DOCUMENT-IDENTIFIER: US 5421839 A

** See image for Certificate of Correction **

TITLE: Antifungal polypeptide and process for its production

DATE-ISSUED: June 6, 1995

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY NAME CITY DE Berlin Ulbrich; Norbert DE Hilgenfeld; Rolf Friedrichsdorf DE Hanel; Heinz Oberursel DE Kelkheim Sachse: Burkhard DE Braun; Peter Mainz DE Rodermark Wink; Joachim DE Kelkheim Eckes; Peter DE Koln Logemann; Jurgen DE Schell; Jozef Koln

US-CL-CURRENT: 514/12; 435/71.1, 514/1, 514/2, 530/324, 530/820, 530/823

Full i Title Citation Front Review Classification Date Reference : Sequences Attachments

70. Document ID: US 5405778 A

L2: Entry 70 of 76

File: USPT

Apr 11, 1995

Finit Draw Desc Image

US-PAT-NO: 5405778

DOCUMENT-IDENTIFIER: US 5405778 A

TITLE: Strains of Cryptococcus used to biologically control postharvest rots in

fruit

DATE-ISSUED: April 11, 1995

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Roberts; Rodney G. Cashmere WA

US-CL-CURRENT: 435/255.3; 435/255.1, 435/29, 435/911

Full Title Citation Front Sement Classification Date Reference Sequences Attachments . Dimic Draw Desc , Image

☐ 71. Document ID: US 5202420 A

L2: Entry 71 of 76 File: USPT Apr 13, 1993

US-PAT-NO: 5202420

DOCUMENT-IDENTIFIER: US 5202420 A

TITLE: Tracheal antimicrobial peptides, DNA sequences and methods for the production

and use thereof

DATE-ISSUED: April 13, 1993

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Zasloff; Michael A. Merion PA
Bevins; Charles L. Drexel Hill PA
Diamond; Gill Philadelphia PA

US-CL-CURRENT: 530/324; 530/300

with the state of the

Fig. Title Ottation Front Review Classification Date Reference Sequences Attachiticuts Find(Draw Desc Image

___ 72. Document ID: WO 200836 A2

L2: Entry 72 of 76

File: EPAB

Jan 3, 2002

PUB-NO: WO000200836A2

DOCUMENT-IDENTIFIER: WO 200836 A2

TITLE: ANTIBACTERIAL AND ANTIFUNGAL PEPTIDES, PREPARATION METHOD AND COMPOSITIONS

CONTAINING THEM

PUBN-DATE: January 3, 2002

INVENTOR-INFORMATION:

COUNTRY NAME

FR BULET, PHILIPPE HOFFMANN, JULES FR LU LAMBERTY, MIREILLE

INT-CL (IPC): Cl2 N 0/

EUR-CL (EPC): $\overline{C07}\overline{K014}/435$; A01N063/02, C12N015/82, C12N015/82

Full Title Citation Front Review Classification Date Reference Sequences Attachments Find(Fram Deck Image

3. Document ID: WO 9826083 A1

L2: Entry 73 of 76 File: EPAB Jun 18, 1998

PUB-NO: WO009826083A1

DOCUMENT-IDENTIFIER: WO 9826083 A1

TITLE: ANTIFUNGAL POLYPEPTIDE AND METHODS FOR CONTROLLING PLANT PATHOGENIC FUNGI

PUBN-DATE: June 18, 1998

INVENTOR-INFORMATION:

NAME COUNTRY

LIANG, JIHONG SHAH, DILIP M

WU, YONNIE S

ROSENBERGER, CINDY A

HAKIMI, SALIM

INT-CL (IPC): C12 N 15/82; C07 K 14/415; C07 K 16/14; C12 Q 1/68; G01 N 33/53; A01 H

5/00

EUR-CL (EPC): C07K014/415; C12N015/82

Full Title Citation Front Remain Classification Date Reference Sequences Attachments Public Orano Descripting as

☐ 74. Document ID: WO 9622784 A1

L2: Entry 74 of 76 File: EPAB Aug 1, 1996

PUB-NO: WO009622784A1

DOCUMENT-IDENTIFIER: WO 9622784 A1

و بيونو

TITLE: NOVEL ANTIFUNGAL CYCLOHEXAPEPTIDES

PUBN-DATE: August 1, 1996

INVENTOR-INFORMATION:

COUNTRY NAME

US BOUFFARD, FRANCES A

INT-CL (IPC): A61 K 38/00 EUR-CL (EPC): C07K007/56

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Find: Draw Desc Image

___ 75. Document ID: US 20030041347 A1 WO 9826083 A1 AU 9857948 A EP 946739 A1 AU 723696 B US 6121436 A MX 9905521 A1 NZ 336270 A CN 1276013 A US 6316407 B1 US 6329504 B1

L2: Entry 75 of 76

File: DWPI

Feb 27, 2003

DERWENT-ACC-NO: 1998-348537

DERWENT-WEEK: 200318

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TITLE: Antifungal poly:peptide(s) and genes isolated from alfalfa plant(s) - used to control plant pathogenic fungi and to produce transformed plants with increased

fungal resistance

INVENTOR: HAKIMI, S; LIANG, J; ROSENBERGER, C A; SHAH, D M; WU, Y S; WU, Y

PRIORITY-DATA: 1996US-0766355 (December 13, 1996), 1998US-0003198 (January 7, 1998), 1999US-0428805 (October 28, 1999), 2001US-0010731 (November 13, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030041347 A1	February 27, 2003		000	A01H005/00
WO 9826083 A1	June 18, 1998	E	097	C12N015/82
AU 9857948 A	July 3, 1998		000	C12N015/82
EP 946739 A1	October 6, 1999	E	000	C12N015/82
AU 723696 B	September 7, 2000		000	C12N015/82
US 6121436 A	September 19, 2000		000	C07H021/04
MX 9905521 A1	October 1, 1999		000	C12N015/82
NZ 336270 A	February 23, 2001		000	C12N015/82
CN 1276013 A	December 6, 2000		000	C12N015/82
US 6316407 B1	November 13, 2001		000	A61K038/16
US 6329504 B1	December 11, 2001		000	A01G013/00

INT-CL (IPC): A01 G 13/00; A01 H 5/00; A61 K 35/78; A61 K 38/16; A61 K 38/47; C07 H 21/00; C07 H 21/04; C07 K 7/00; C07 K 14/415; C07 K 16/14; C12 N 9/24; C12 N 15/29; C12 N 15/82; C12 P 21/00; C12 Q 1/68; G01 N 33/53

Full Title Citation Front Review Classification Cate Reterence Sequences Attachments

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76. Document ID: US 20020152498 A1 WO 9721814 A1 AU 9711053 A EP 866863 A1 BR 9611948 A CN 1204367 A JP 2000502891 W AU 721482 B US 6372888 B1

L2: Entry 76 of 76

File: DWPI

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DERWENT-ACC-NO: 1997-332785

DERWENT-WEEK: 200270

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TITLE: New active mutants of radish antifungal protein 2 - used to generate

fungus-resistant plants or as therapeutic or preservative agents

INVENTOR: BROEKAERT, W F; DE SAMBLANX, G W ; REES, S B

PRIORITY-DATA: 1995GB-0025474 (December 13, 1995)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020152498 A1	October 17, 2002		000	A01H005/00
WO 9721814 A1	June 19, 1997	E	039	C12N015/29
AU 9711053 A	July 3, 1997		000	C12N015/29
EP 866863 A1	September 30, 1998	E	000	C12N015/29
BR 9611948 A	May 25, 1999		000	C12N015/29
CN 1204367 A	January 6, 1999		000	C12N015/29
JP 2000502891 W	March 14, 2000		039	C12N015/09
AU 721482 B	July 6, 2000		000	C12N015/29
US 6372888 B1	April 16, 2002		000	C07K001/00

Full Title Citation	Front Review	Classification	Cate	Reference	Sequences	Attachments	F3000	[rgam [rest] Im
		(•	ate Colle		Print		

Term	Documents
ANTIMICROBIAL	46112
ANTIMICROBIALS	7617
ANTIFUNGAL	25416
ANTIFUNGALS	2974
CYSTEINE?	0
CYSTEINEA	2
CYSTEINEB	1,
CYSTEINEE	2
CYSTEINEL	3
CYSTEINEO	
((CYSTEINE? SAME (ANTIMICROBIAL ADJ \$PEPTIDE?) OR (ANTIFUNGAL ADJ \$PEPTIDE?)) AND COMPOSITION?).USPT,PGPB,EPAB,DWPI,TDBD.	76

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